

Principles of the Chemical Technology of Artificial Radioactive
Elements, by Ya. I. Zh'berman, 478 pp.
RUSSIAN, M. Osnovy Khimicheskoy Tekhnologii Iskusstvennykh
Radioaktivnykh Elementov, Moscow, 1961, pp 1-332.

JPAS 23450

Sci-Nuci Sci
Feb 64

250,579

Preparation, Composition and Certain Properties of the
Diethyldithiocarbamate Complexes of Uranyl, by Ya. I.
Zil'berman, B. I. Peshchevitskiy, 6 pp.

RUSSIAN, per, Radiokhim, Vol II, No 6, 1960,
pp 663-667.

AEC-tr-4578
PL-480

Sci

Aug 62
PST 570

206,378

Some Reactions of Nitriles Leading to the Formation
of a New Nitrogen-Carbon Bond, by Ye. N. Zil'berman,

RUSSIAN, per, Uspekhi Khimii, Vol XXIX, No 6,
1960, pp 709-735, 9072508.

NIH No 10-17-60

Sci - Chemistry

Nov 60

131,390

Zil'berman, Ye. N. and Sladkov, A. M.
REACTION BETWEEN NITRILES, TERTIARY ALCO-
HOLS, AND HYDROGEN CHLORIDE. [1961] 6p.
Order from ATS \$8. 25

ATS-54N51R

Trans. of *Zhur[nal] Obshchey Khim[ii] (USSR) 1961,
v. 31, no. 1, p. 245-249.

DESCRIPTORS: *Nitriles, *Alcohols, *Hydrochloric
acid, Chemical reactions.

(Chemistry--Organic, TT, v. 6, no. 3)

61-22614

- I. Zil'berman, Ye. N.
- II. Sladkov, A. M.
- III. ATS-54N51R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

A New Synthesis of Imdodisulfonates, by E. H.
Zilberman and M. M. Smirnova, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI,
No 3, 1956, pp 672-674.

Consultants Bureau

Sci- Chemistry
Jan 57 CTS

42,491

The Reaction Products of Adipic Acid and Ammonia,
by E. N. Zilberman, 5 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 11,
1955, pp 2127-2131. ET CIA 542766-C, reel 3.

Consultants Bureau

Scientific - Chemistry
Aug 56 CTS

37,609

The Condensation of Cyclohexanone with Ammonia, by,
G. A. Razuvaev, E. N. Zilberman, S. V. Svetovarskiy
4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 2,
1956, pp 601-603. CIA 9007073 G, Reel 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41,720

The Heteroazeotrope of Cyclohexanol and Water,
by E. N. Zilberman, 3 pp.

RUSSIAN, no per, Zhur Prikl Khim. Vol XXVI,
No 8, 1953, pp 886-888.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

18,483

The Water - Adiponitrile - Ammonia System, by
E. N. Zilberman, 7 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVI, No 9,
USSR, Sep 1953, pp 941-948.

CIA C 36693

Consultants Bureau

Scientific - Chemistry

Dec 54 CTS

19,708

Products Resulting From Reaction of Hexamethylenediamine
With Certain Inorganic Acids, by E. N. Zilberman, G. N.
Matveyeva, 4 pp.

Full tr

RUSSIAN, no par, Zhur Prik Khim, Vol XXVIII, No 9,
1955, pp 1013-1015. CIA C 42516

Consultants Bureau

35,783
Scientific - Chemistry
Jun 56/dex

The Synthesis of α , ω -Di(2,4-Dihydroxybenzoyl)-Alkanes
and Aralkanes from Dinitriles and Resorcinol, by N. A.
Rybakova, and ^E/_F N. Zil'berman, ³/₂ pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,
pp. 1272 - 1274

CB

196,708

Sci
Apr 62

New Reaction of Chloroacetonitrile with Hydrogen
Chloride and Alcohols, by EM. Zil'berman, and A. Ia.
Lazaris, 2 pp.

RUSSIAN, per. Zhur Obshch Khim. Vol XXXI, No 4, 1964,
pp. 1321 - 1323

CB

196,717

Sci
Apr 62

A System With an Enclosed Region of Stratification.
The Reciprocal Solubility of Hexamethyleneimine and
Water, by E. N. Zilberman, Z. D. Skorikova, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10,
USSR, Oct 1953, pp 1629, 1630. Q I A D 151002

Consultants Bureau

Scientific - Chemistry

Sci Group Fil-55/2573

CTS 64/Jan 55

20,606

The Mutual Solubility of Cyclohexanol and Water by
E. N. Zilberman, 3 pp

RUSSIAN, Zhur Prik Khim, Vol XXIV, No 7, July 1951,
pp 776-779

Consultants Bureau
Vol 24, July 1951

USSR
Scientific - Chemistry

A13491

Production of Adipic Acid by Oxidation of
Cyclohexanol by Means of Nitric Acid, E. N.
Zilberman, S. N. Suvorova and Z. S. Smolyan,
6 pp.

Full tr

RUSSIAN, no per, Zhur Prii Khim, Vol XXIX,
No 4, 1956, pp 621-627.

41, 626

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

Oxidation of Cyclopentanone with Nitric Acid,
by E. F. Zilberman and A. T. Kirillov, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 6,
1957, pp 960-962.

Consultants Bureau

Acetic Acid Sample - 1483

Sci - Chem

Sep 58

73,228

Preparation of Imido Ethers and Esters of
 δ -Cyanovaleic Acid, by E. N. Zil'berman,
A. E. Kulikova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 3039-3041.

CB

Sci

129,308

Sep 60

Molecular Structure of Unsaturated Ketones --
Bimolecular Cyclohexanone Condensation Products,
by Ts. N. Roginskaya, S. V. SvetozarSKIY, A. I.
Finkel'shtein, E. N. Zil'berman, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2229-2232.

CB

Sci - Chem
Oct 59

99,949

Investigation of Certain Epoxy Stabilizers for
Polyvinyl Chloride, by A. A. Berlin, E. N.
Zil'berman, N. A. Rybakova, A. M. Sharetzkiy,
D. M. Yanovskiy, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol. XXXII, No 4,
1959, pp 863-867.

Consultants Bureau

Sci

Jun 60

117,894

The Systems Water-Hexamethyleneimine-Sodium
Chloride and Water-Hexamethyleneimine-Sodium
Hydroxide, by/E. N. Zil'berman, M. M. Bershtein,
5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 7,
1959, pp 1555-1559.

CB

Sci

Aug 60

122,403

Stabilization of Polyvinyl Chloride by addition
of Stearic and Epoxystearic Acids, by D. M.
Yanovskiy, A. A. Berlin, E. N. Zil'berman,
N. A. Rybakova, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 7,
1959, pp 1575-1580.

CB

Sci

Aug 60

122,399

Amidoximation of the Dinitriles of Adipic and
Sebacic Acids, by E. N. Zil'berman, N. A.
Rybakova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3347-3349.

CB

Sci

Oct 60

130,619

Mechanism of Secondary Amide Formation by the
Reaction of Nitriles With Carboxylic Acids, by
/E. N. Zil'berman, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3350-3354.

CB

Sci

Oct 60

130,620

Low-Temperature Autocondensation of Cyclohexanone,
by S. V. Svetozarskiy, E. N. Zil'berman, G. A.
Razuvayev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, 1454-1457.

Consultants Bureau

Sci

Jul 60

120,437

Zil'berman, Ye. N. and Teplyakov, N. M.
SYNTHESIS OF COMPLEX POLYESTERS FROM
DINITRILES AND GLYCOLS VIA POLYIMINOESTER
HYDROCHLORIDES. 20 Apr 60 [7]p. 4 refs.
Order from LC or SLA ml\$1.80, pt\$1.80 60-18469

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR)
1960, v. 2 [no. 1] p. 133-135.

By interaction of dinitriles of alkanedioic and aralkanedioic acids with glycols in the cold and in the presence of hydrogen chloride, there are formed polyiminoester hydrochlorides that are transformed by hydrolysis into complex polyesters having terminal nitrile and hydroxy groups. Eight complex polyesters with molecular weights of 1000-1700 were synthesized. (Author)

(Chemistry--Organic, TT, v. 5, no. 3)

60-18469

1. Esters--Synthesis
 2. Cyanides--Chemical reactions
 3. Glycols--Chemical reactions
- I. Zil'berman, Ye. N.
II. Teplyakov, N. M.

Office of Technical Services

Products of the Interaction of Adiponitrile With
Hydrogen Chloride and Their Hydrolysis, by E. N.
Zil'berman, A. E. Kulikova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1694-1698.

Consultants Bureau

Sci

Jul 60

120,484

The Mechanism for the Oximation of
Cyclohexanone with Sodium Hydroxylamine
Monosulfonate. by E. N. Zilberman and
H. N. Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CIV, No 1,
1957, pp 927-930.

Consultants Bureau

Sci - Chem

Aug 58

70,926

Stages of Mineral Formation of the Chukotka
Tin-Ore Deposits, by A. V. Zil'bermints.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CLIII, x No 1-6, Nov, Dec 1963, pp

Amer Geol Inst

Sci
Jul 65

Zonal Seminar on Raising the Skills of Workers Dealing with the Problems of Utilization and Conservation of Water Resources in the Far East and Siberia, by I. G. Zhdanov, and I. M. Zil'bershteyn, 5 pp.
RUSSIAN, per, Gigiyena i Sanitariya, Vol. 29, No 4, Apr 1964, pp 109-110.
JPRS 29061

p 65

USSR
Sci-B/M
Mar 65

276,361

Spectrographic Determination of Impurities in
Semiconductor Silicon after Chemical Enrichment,
by Yu. V. Morachevskiy and Kh. I. Zil'bershtein
6 pp.

RUSSIAN, per, Zhur Analiticheskoi, Vol XVII,
No 5, 1962, pp 614 - 620

CB

Sci

Jul 63

342,328

Factors Affecting Line Intensities in Spectrum
Analysis of Solutions, by Kh. I. Zil'bershtein, 2 pp.

Full tr

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX, No 2,
1955, p 197. CIA C 42795

35,852

Columbia Tech Tr

Scientific - Physics, ~~Min/Metals~~, Chemistry
Jun 56 CTS/dex

Effect of the Electrode Diameter on the Butt and Seam
Welding of Tubing, by B. D. Zhukovskiy, L. I.
Zil'bershtein, V. I. Mizera, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 7, 1960, pp 11-12.

BWRA

Sci

169,988

Oct 61

Resistance Seam Butt-Welding of Pipes by High
Frequency Current, by B. D. Zhukovskiy, L. M.
Zil'bershtein, R. V. Golovkin, 8 pp.

RUSSIAN, per, Svaroch . Proiz, No 7, 1959, pp
62-64.

British Holding Res Assoc

Sci
Aug 60

122, 211

Using the Reserve Capacities of Existing Open-Hearth Furnaces, by M. B. Zil'bershtein, P. K. Morokov, V. N. Kazantsev, 3 pp.

RUSSIAN, per, Stal, No 11, 1960, pp 985-988.

BISI

Sci

Apr 61

145,402

On the Way to Further Successes, by M. B. Zilber-
shtein, 4 pp.

RUSSIAN, per, Metallurg, No 4, 1957, pp 16-18.

Consultants Bureau

Sci - Engr

1

Jun 58

66,992

Use of Automatic Logical Devices for Medical
Monitoring, by R. M. Bayevskiy, Ye. A. Zil'bertal,
et al, 9 pp.
RUSSIAN, per, Byul Eksper Biolog i Medit, Vol VI,
No 8, 1963, pp 116-120.
JPRS 24121

Sci - Med
Apr 64

254, 352

Use of Automatic Logical Devices (Computers) for
Medical Control, by R. M. Bayevskiy, ~~Imenitskiy~~
Ye. A. Zil'bertal, 9 pp.

RUSSIAN, per, Byulleten' Eksperimental'noy Biologii
i Meditsiny, Vol LVI, No 8, 1963. 9689834

PTD-TT-63-1013

Sci - Biol & Med Sci
Jan 64

246,229

The History of Plague in Armenia, by
V. N. Zil'fyan, 4 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiolog i
Immunobiol, Vol XXXII, No 2, 1961, pp 135-138.

PP

Sci

Jun 62

800,533

Immunobiological Changes in Irradiated Guinea Pigs
With Tuberculosis, by S. A. Papayan, V. N. Zil'berg,
et al, 15 pp.
RUSSIAN, per, Voprasy Radiobiolog, Sbornik Trudov,
Vol III, IV, 1968, pp 205-215.
JPRS 26936

Sci-Biol & Med
Dec 64

270,031

Molecular Weight and Constitution of
Hypophosphoric Acid, by A. Rosenheim,
N. Zils, 12 pp.

GERMAN, per, Z Physik Chem, Vol CXXXIXa,
1928, pp 12-21.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-315

Sci - Chem

Jun 57

IAC INTERNAL USE ONLY

49,460

Strength of Metal Whisker Crystals Containing
Impurities, by V. G. Kostyuk, K. K. Zil'ing,
5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 11,
1963, pp 3060-3065.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 11

Sci
May 64

258,981

Analysis of Plastics: PVC, by F. Zilio-Grandi, G. Libbralesso.

ITALIAN, per, Materie Plastiche e Elastomeri,
Vol 30, No 7, 1964, pp 643-653.
RAPRA-1240

F. Zilio-Grandi

Sci-M&M
Jul 66

306,085

Hypophysis and Fe Iron Metabolism. The Absorption
of Fe⁵⁹ in the Bone Marrow, Blood and Various Organs
of Hypophysectomized Rats, by M. E. Austoni,
D. Ziliotto, et al, 15 pp.
GERMAN, per, Wiener Zeitschrift fuer Innere Medizin,
Vol XXXVII, No 4, 1956, pp 137-145. 9226230
AEC-UCRL-Tr-1154

p 22

Sci-Biol & Med
Jan 65

271,802

A Device for Measuring Resistance and
Resistance Uniformity Along the Length of
Uninsulated Wires, by S. I. Zilitinkevich,
L. G. Krushennikov, et al, 14 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved MVISSO
SSSR po Razdelu Priborostroyeniye, Vol V,
No 3, 1962, pp 21-29.

JPRS 21014

Sci

Sep 63

343,742

Testing High-Power Carbided Cathodes Under Reduced X
Vacuum, by S. I. Zilitinkovich, M. D. Gurevich, 10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MV1890 SSSR
po Razdelu Priborostroyeniye, Vol V, No 5, 1962,
pp 3-5.

JPRS 18821

Sci - Eng

May 63

228,970

Testing of High-Power Cathode Cathodes With
Repeated Gas Sparks, by M. D. Gurevich,
S. I. Zilitinkevich, 8 pp.

RUSSIAN, per, Iz Vysshykh Ucheb Zaved MVisSO
SSSR po Razdelu Priborostroenie, Vol V, No 4,
1962, pp 3-10.

JPRS 18629

Sci

229,068

Apr 63

42
Non-Stationary Turbulent Motion in the
Surface Layer of the Atmosphere,

by S. S. Zilitinkevich.

RUSSIAN, per, Trudy Glav. Geofiz. Observ..

Vol 127, 1962, pp 3-13.

MLL Ref: 7773.7578 1963 (T-R-487)

S.S. Zilitinkevich

Sci-Atmospheric Sci
Sept 66

309,548

Non-Stationary Turbulent Regime in
the Surface Layer of the Atmosphere,
by S. S. Zilitinkevich, 18 p.

60

RUSSIAN, per, Trudy, Leningrad. Glavnaya
Geofizicheskaya Observatoriya, No 127,
1962, pp 3-13. 9699896
AFCELT T-R-487

S. S. Zilitinkevich

Sci-Bar Sci
Mar 66

297,695

81
Structure of the Surface Boundary Layer Under Conditions
of Turbulence, by S. S. Zilitchevich, 10 pp.
RUSSIAN. per, Meteorol i Gidrol, No 1, 1963, pp 31-37.
9095953
Amer Meteorol Soc
T-R-437

Sci - ES
Mar 65

275,038

New Diesel-Electric Locomotives for Austrian
Railways, by Zilka.

GERMAN, per, Elektra Bahnen, Vol. 26, No. 7,

1955

GB/233

ZILKA

Sci -
Aug 67

336-037

34/60

(NY-3042)

Principles and Trend of Development of Geodetic
and Cartographic Research in the GDR, by W.
Bill, 7 pp.

GERMAN, per, Vermessungstechnik, Vol VII, No 10,
1959, East Berlin, pp 271-273.

JPRS 5412

FEur - Germany

Econ - Geography
Sep 60

125,614

The Deutsche Bundesbahn Within the Teem Network, by
Hermann Ziller, 28 pp. UNCL

GERMAN, per, Die Bundesbahn, Vol XXIV, No 9, 1961,
pp 384-393.

JPRS DC-6113

Kfur - Germany

Econ - Transportation

Aug 61

163, 795

(2095-N)

The Priority Schedule of the East German
Railroads, by Hermann Ziller, 5 pp.

GERMAN, per, Die Bundesbahn, No 17, Darmstadt,
West Germany, 1958, pp 891-893.

JPRS 1055-N

EEur - East Germany
Econ
Mar 59

83,616

Studies on Protein Biosynthesis, I. On
Incorporation of C^{14} -Labeled Amino Acids Into
Protein of Cellfree Nucleoprotein Enzyme Systems
From Escherichia Coli B., by D. ~~STERN~~
Schachtschabel, W. Zilling, 11 pp.

GERMAN, per, Z Physiol Chem, VOL CCCXIV,
1959, pp 262-275.

NIH 2-30-62

191,468

Sci - Med

Apr 62

Dec 61

Studies on the Biosynthesis of Proteins, III. On
the Composition and Structure of Ribosomes,
W. Zillig, W. Kronen, M. Albers.

GERMAN, per, Z Fuer Physiologische Chemie, Vol
CCCXVII, 1959, pp 131-143.

NIH 8-4-61

175,038

Sci - Med

Dec 61

Studies on the Biosynthesis of Proteins, II.
Distribution of Amino Acid-Activating Enzymes in
Cell Fractions From Homogenates of Escherichia
Coli B, by D. J. McCorquodale, W. Zillig, 5 pp.

R GERMAN, per, Hoppe Seyler's Z fuer Physiologische
Chemie, Vol CCCXV, 1959, pp 86-89.

NIH 9-20-61

Sci - Med

179, 797

Jan 62

Clinical Experiences with Thiogonal as a Hypnotic in
Electro-Shock Treatment, by G. Zillinger.

GERMAN, per, Therapie der Gegenwart, Vol XCIV, No 9,
1955, p 329.

ASLIB-GB2

Sc2

Aug 59

93, 677

Protection Against Air Pollution in the Ironworks,
by B. Zillmer. UNCL

GERMAN, per, Stahl u Eisen, 30 Apr 1959,
pp 629-634.

BISI 1385
(L4.5.0)

Sci - Min/Mat
Oct 59

98 631

DETERMINATION OF THE DENSITY OF THE PROSPECTING
NETWORK AS PRACTICED AT THE KADZHARAN COPPER-
MOLYBDENUM STOCKWORK, BY YE. ZIL'MAN, 9 PP..

RUSSIAN, PER, PROMYSHLENNOST' APROENII, NO 10, 1962,
PP 43-47.

JPRS 18220

USSR
ECON
MAR 63

225,4545

Ground Communications at Airfields, by Col Tech
Serv D. Ya. Zil'manovich.

RUSSIAN, mo per, Vest Voz Flota, No 2, 1956.

*Aid

USSR
Military

A Technique for Testing Sheet Materials in Biaxial
Tension With a Varying Amount of Stored Elastic Energy,
E. N. Zilova, N. I. Novosil'tseva, 5pp

CHSIXAN, par, Zavod Lab, Vol XXIX, No 5, 1963,
pp 600-603.

TBA

Sci
Jan 64

245,631

Testing of Studs in Tension With Torsion Under Yielding
Loads, by T. K. Zilova, N. I. Petrukhina, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 7, 1961,
pp 877-882.

ISA

Sci
May 62

194,711

Method of Assessing the Tendency of Metals to
Delayed Fracture, by T. K. Zilova, et al.

RUSSIAN, per: Zavod Lab, No 8, 1956, pp 967-972.

BISI 2431

Sci - Eng

Dec 61

176, 471

Study of Heterogeneity of Plastic Flow During
Torsion by the Knurled Grid Method, by T. K.
Zilova, N. I. Demina, I. V. Friedman, 13 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol IV
No 3, 1957, pp 455-469.

Pergamon Inst

Sci - Chemistry

Sep 58

73, 983

Gaseous Exchange When Oxygen is Inhaled, by
G. N. Zilov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVIII,
No 8, 1959, pp 12-16.

Consultants Bureau

Sci

Mar 60

III, 337

Effect of Cracks upon the Mechanical Properties of
Metals in Different States of Stress, by Ya. B. Fridman,
S. K. Zilova, N. I. Zhukova, 1100 words.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol XXIV, No 1,
1952, pp 67-70.

Butcher No. 3542
\$2.90

Scientific - Minerals/metals

26,727

Sep 55

Determination of Mechanical Properties With the
Kinetics of Strain and Failure Taken Into Account,
by Ya. B. Fridman, T. K. Zilova, B. A. Drozdovskiy
et al, 8 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 11, 1960,
pp 1267-1283.

ISA

Sci

Jul 61

157,716

Tensile Tests at Varying Amounts of Stored Elastic
Energy, by T. K. Zilova, B. A. Palkin, N. I.
Petrushina, N. V. Ryazanov, Ya. B. Fridman, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 1,
1959, pp 76-82.

Instru Soc of Amer

Sci

Apr 60

113,476

Regarding the Laws of the Kinetics of Deformation as
a Function of the Compliance of Loading, by T. K.
Zilova, N. I. Petrukhina, Ya. B. Fridman, 4 pp.

RUSSIAE, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1979
pp 1236-1239.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,112

On the Process of Fracture of Plastic Metals,
by Ya. B. Fridman, T. K. Zilova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIII, No 4,
1950, pp 697-700.

Brutcher Tr No 2876

Scientific - Min/Metals

Dec 54 CTS/DEX

\$3.70

14,729

The Action of Various Modifications of Tetrasodium
Pyrophosphate, by Heinz Zilske, 8 pp.

GERMAN, per, Seifen-Ole-Fette-Wachse, 1954,
pp 434-435/

CIA/FDD/X-1712

25,155

Scientific - Chemistry

Jul 55 CTS

(DO-5965)

Processing of Plastics, by V. Zilvar, J. Hugo,
7 pp. OFFICIAL USE ONLY

CZECH, per, Jerna Mechanika a Optika, Vol V,
No 11, 1960, pp 329-331.

JPRS 11268

EEur - Czechoslovakia
Econ
Dec 61

177,358

(DC-5905)

Heat Resistance of Polyester Glass Laminates,
by Vaclav Zilvar, 5 pp. GOVERNMENT USE ONLY

CZECH, per, Chemicky Prumysl, Vol 11, No. 9,
Sept 1961, pp 493-497.

JPRS 12690

EEur-Czech
Econ
Mar 62

186,996

Mechanism of the Decomposition of Apatite by
Phosphoric Acid, by M. E. Pozin, B. A. Kopylev,
D. F. Zhil'tsova, 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 10,
1959, pp 2164-2170.

CB

Sci

Sep 60

127,403

"Increase in Labor Productivity in Construction Industry" [Czechoslovakia], by H. Zilyarova.

CZECH, per, Statisticke Zpravy, 31 Dec 58, Prague, pp 20-22.

FDD/Sum 2344

ETar - Czechoslovakia

Econ - Construction

Sep 59

97,318

Automatic Control of the Thickness of Rubber
Sheeting During Calendering, by Ya. Ya.
Zilvestr, I. M. Starov, 3 pp.

RUSSIAN, per, Kuachuk i Rezina, Vol XX,
No 8, 1961, pp 20-23.

RAPRA

Sci

Jul 62

204,106

Certain critical observations on methods of raising
the output from internal mixers, by I. M.
Starov, Ya. Ya. Zilvester, 3 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XIX, No 12,
1960, pp. 9-12.

RAPRA

Sci

168,978

Sept 61

85
Polarization of Luminescence of Pure and Impure
Anthracene Crystals, by B. L. Zima, G. S. Pekar,
RUSSIAN, per. Depovidi, AN UKRCSR, No 8, 1964,
pp 1043-1046. 9700351
FTD-TT-65-1038

B. L. Zima

Sci/M&M
May 66

301,078

Methylthioethyl-2'-Pentylthiobarbituric Acid,
Sodium Salt, a New Short-Action Anaesthetic, by O.
Zima.

GERMAN, per, Der Anaesthetist, Vol III, 1974, pp
244-245.

ASLIB-082

Sci

Aug 59

95,168

Beat Amplifier, by V. Zima, 17 pp.

CZECH, per, Ceskoslovensky Casopis pro
Fysiku, Vol X, No 5, 1960, pp 499-510.
9673082

FTD-TT-61-15

Sci - Electron

2 Mar 62

186, 220

6-3
Polarization in the Luminescence of Pure and
Impurity-Containing Anthracene Crystals,
by V. L. Zima, G. S. Pekar, et al.
RUSSIAN, per, Dopovidi Ak Nauk Ukrain RSR, No 8,
1964, pp 1043-1046.
•FTD-TT-05-1038

Sci-M/M
Jul 65

Investigation of the Spectra of and the Conditions
of Excitation Energy Transfer in Pure and
Doped Anthracene Crystals, by V. L. Zima,
V. M. Korsunskiy, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol ~~XXXVII~~,
No 4, 1963, pp 516-520.

CTT

Sci

Apr 64

256,040

The Effect of the Radioactivity of Molybdenum
Trioxide on the Velocity of Its Evaporation, by
V. I. Spitsyn, I. E. Zimakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 3,
1961, pp 654-657.

CB

Sci

190,319

Apr 62

Multiple Radioactive Dilution Method for Determin-
ing Minute Impurities, by I. E. ZILBERMAN, G. S.
Rozhnovskiy, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 8, 1958,
pp 922-925.

CIA/FDD KK-720
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Dec 59

USIB INTERNAL USE ONLY

SL-51-20007

102, 133

34
The Evolution of Heat From Highly Radioactive
Solids as Related to the Problems of Storage
and Utilization, by P. V. Zinabov, B. S. Kolychev,
et al, 7 pp.

RUSSIAN, rpt, Proceedings of the Symposium on
Treatment and Storage of High Level Radioactive
Wastes, Vienna, 1961, pp 343-351. 92134895
AEC-ORNL-Tr-68

Sci-Nucl Sci
Oct 64

267,406

63-20012

Zimakov, P. V.
SELECTIVITY IN THE CATALYTIC OXIDATION OF
ETHYLENE TO ETHYLENE OXIDE. [1963] [25p]
46refs

Order from OTS or SLA \$2.60

63-20012

Trans. of Uspekhi Khimii (USSR) 1959, v. 28, no. 11,
p. 1342-1352.

DESCRIPTORS: *Ethylenes, *Oxides, Oxidation,
Catalysis, Silver catalysts, Metal poisoning, *Epoxides,

(Chemistry--Organic, TT, v. 10, no. 11)

I. Zimakov, P. V.

63-20012

Office of Technical Services

Some Problems in the Localization of Radioactive
Isotopes in Connection with Their Safe Burial, by
P.V. Zimakov, V.V. Kulichenko, 6 pp.

RUSSIAN, per, Atom Energ, Vol X, No 1, 1961, pp 58 -
63.

CB

191,748

Sci
Apr 62

Radioactive Properties of Fission-Fragment
Preparations, by A. G. Bykov, P. V. Zimakov,
V. V. Kulichenko, 11 pp.

RUSSIAN, per, Atom Energ, Apr 1961, pp 362-367.
9672407

RGD-111-61-60

Sci - Phys

180, 313

24 Jan 62

Principles of the Thermal Method for the
Preparation of Beta Sources With Fused
Strontium-90, by N. I. Bogdanov, K. P.
Zakharova, P. V. Zimakov, V. V. Kulichenko,
22 pp.

RUSSIAN, rpt No RIIC/386, Conference on the Use
of Radioisotopes in Physical Sciences and
Industry, Copenhagen, 6-17 Sep 1960.

ABC Tr-4415

Sci -
May 61

150,329